

Table 21 contains a list of properties that correspond to advanced and standard filter settings.

*Table 21: Advanced and standard filter properties*

<b>Function</b>	<b>Description</b>
ContainsHeader	Boolean (TRUE/FALSE) that specifies if the first row or column contains headers which should not be filtered.
CopyOutputData	Boolean that specifies if the filtered data should be copied to another position in the document.
IsCaseSensitive	Boolean that specifies if the case of letters is important when comparing entries.
Orientation	An enumeration that specifies if a range is filtered by column or row: Column – com.sun.star.table.TableOrientation.COLUMNS Row – com.sun.star.table.TableOrientation.ROWS
OutputPosition	If <i>CopyOutputData</i> is TRUE, this property specifies the position where filtered data are to be copied.
SaveOutputPosition	Boolean that specifies if the <i>OutputPosition</i> position is saved for future calls.
SkipDuplicates	Boolean that specifies if duplicate entries are left out of the result.
UseRegularExpressions	Boolean that specifies if the filter strings are interpreted as regular expressions.

### **Copy advanced filter results to a different location**

The results of an advanced filter can be extracted to a different position using the *OutputPosition* property. Copying results in this way eliminates the need for Calc to hide rows that do not match search criteria, which it would normally do if you filter in-place.

The macro code snippet in Listing 28 demonstrates how to copy filter results to a different location, and Figure 472 shows the results when this snippet is applied to the macro in Listing 27 just before the *filter* method is called. Note that the filter descriptor must first be modified before these filter settings are applied.

*Listing 28: A code snippet that copies filtered results to a different locations*

```
REM Copy the output data rather than filter in place.
oFiltDesc.CopyOutputData = True

REM Create a CellAddress and set it for Sheet1
REM Column B, Row 13 (remember, start counting with 0)
Dim outputCell As New com.sun.star.table.CellAddress
outputCell.Sheet = 0
outputCell.Column = 1
outputCell.Row = 12
oFiltDesc.OutputPosition = outputCell
```